

12-28-01
COOPER & DUNHAM LLP
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Date: December 21, 2001
Atty Docket No. 7217/66061

TO THE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

With reference to the filing in the United States Patent and Trademark
Office of an application for patent in the name(s) of:

Yoshikazu Kato
Takeshi Kanai

entitled: INFORMATION RETRIEVAL APPARATUS

☐ Small entity status under 37 CFR 1.9(f) is
claimed and the amounts shown in parentheses below have been
employed.

The following are enclosed:

- ☒ Specification
☒ 10 Claims(s) (including 2 independent claim(s))
☐ Preliminary Amendment
☒ Unsigned Oath or Declaration, Power of Attorney & Petition
☒ 11 Sheet(s) of Drawings
☒ Our check for \$ 740.00 calculated as follows:

Basic Fee of \$740 (\$370)\$ 740.00
☐ Total Claims in excess of 20 at \$18 (\$9).....\$ 0.00
☐ Ind. Claims in excess of 3 at \$84 (\$42).....\$ 0.00
☐ Fee of \$280 (\$140) for Mult. Dep. Claim.....\$ 0.00
Total Filing Fee\$740.00
Assignment Recording Fee of \$40\$ 0.00

☒ Certified copy of each of the following to
substantiate the claim for priority:

<u>Application No.</u>	<u>Filing Date</u>	<u>Country</u>
P2000-392871	December 25, 2000	Japan

12-21/01
10/027973
1054 U.S. PTO
12/21/01

X Please charge any additional fees required for the filing of this application and any other fees required during the pendency of this application or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this letter is enclosed.

Respectfully submitted,

COOPER & DUNHAM LLP

By: Jay H. Maioli
Jay H. Maioli
Reg. No. 27,213

COOPER & DUNHAM LLP

Figure 1 consists of three panels. The top panel is a schematic diagram of the experimental setup, showing a subject in a supine position connected to a ventilator and gas analyzers. The middle panel is a graph showing the percentage of oxygen saturation (% O₂) over time. The y-axis ranges from 80 to 100, and the x-axis ranges from 0 to 10 minutes. The data shows a sharp increase in % O₂ from approximately 90% at 0 minutes to approximately 100% at 10 minutes. The bottom panel is a graph showing various physiological parameters over time. The y-axis ranges from 0 to 100, and the x-axis ranges from 0 to 10 minutes. The parameters shown are heart rate (beats/min), blood pressure (mmHg), and oxygen consumption (ml/min). The heart rate and blood pressure remain relatively stable, while oxygen consumption increases significantly after 100% O₂ is administered.

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Date of Deposit: December 21, 2001

I hereby certify that this Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to the Commissioner of Patent and Trademarks , Box Patent Application, Washington, D.C. 20231.

James K. Haas
James K. Haas

Applicant Yoshikazu Kato et al.
(7217) 66061

Title : INFORMATION RETRIEVAL APPARATUS

JAY H. MAIOLI
REG. NO. 27,213

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